

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of Stephen William SANKEY et al.	Attorney Docket No. DTG1-127US Group Art Unit: 1782
Serial No. 10/564,593 Filed: 01/13/2006	Examiner: Erik Kashnikow
For: BREATHABLE POLYMERIC FILM	

DECLARATION UNDER 37 CFR § 1.132 OF STEPHEN WILLIAM SANKEY

Commissioner for Patents
Washington, D.C. 20231

Sir:

I, Stephen William Sankey, the undersigned, a citizen of Great Britain and a resident of Great Smeaton, North Yorkshire, United Kingdom, do hereby declare that:

1. I am one of the co-inventors of the invention described in US application No. 10/564,593 and accordingly I am familiar with the content thereof.

2. I graduated as a Bachelor of Science from the University of London in 1979, and completed a Doctoral Degree from the University of Cambridge in 1982. I am employed by DuPont Teijin Films UK Limited, where I have been engaged in research and development of polyester films since 1982.

3. This declaration provides additional data to supplement my previous declaration dated 16th June 2009. The permeability data in the table below relates to the water vapour transmission rate (WVTR) of a 25 µm film of the stated polymer.

Polymer Identity (25µm film)	WVTR (g/m ² /day)
PET	27.5
L-LDPE	17.5
HDPE	5
OPP	6
Nylon 6,6	150
Nylon 11	60

The data show that that the polyolefin films are significantly less permeable to water when compared to polyester and polyamide films. Thus, the data demonstrate that polyester and polyamide films exhibit superior water vapour transmission, and breathability, when compared to polyolefin films.

4. I further declare that all statements herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made

U.S. Application No. 10/564,593

are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date: 3rd May 2011

Stephen William Sankey
Stephen William Sankey